

Attorney Docket No. A4356/T35300

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☒ original
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"METHOD OF REDUCING PLASMA CHARGE DAMAGE FOR PLASMA PROCESSES"

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
- ☐ was filed on , under Serial No. (unknown), executed on even date herewith; or
- ☐ Express Mail No. (as Serial No. not yet known)
- ☐ and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____
- ☐ filed on _____ and as amended under PCT Article 19 on _____

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

☒ No such applications have been filed.

☐ Such applications have been filed as follows:

- A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

- B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

☒ No such applications have been filed

☐ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>	<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael B. Einschlag	Registration No. 29,301
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
Sarah J. Brashears	Registration No. 38,087
Walter Benjamin Glenn	Registration No. 44,713
Robert W. Mulcahy	Registration No. 25,436
Robert C. Colwell	Registration No. 27,431
William L. Shaffer	Registration No. 37,234
Roger T. Barrett	Registration No. 41,599
Patrick M. Boucher	Registration No. 44,037

Send correspondence to:

Direct telephone calls to:

Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
P. O. Box 450A
Santa Clara, CA 95052

Patrick M. Boucher
Phone (303) 571-4000

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of first inventor: Tetsuya Ishikawa

Inventor's signature: Tetsuya Ishikawa Date: 11/15/01

Residence: 873 Blossom Drive, Santa Clara, CA 95050

Post Office Address: Same as above

Country of Residence: U.S.A.

Country of Citizenship: Japan

Full name of second inventor: Alexandros T. Demos

Inventor's signature: _____ Date: _____

Residence: 409 Pine Ridge Drive, San Ramon, CA 94583

Post Office Address: Same as above

Country of Residence: U.S.A.

Country of Citizenship: United States

POWER OF ATTORNEY

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Peter J. Sgarbossa	Registration No. 25,610
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Full name of first inventor: **Tetsuya Ishikawa**

Inventor's signature: _____ Date: _____
Residence: 873 Blossom Drive, Santa Clara, CA 95050
Post Office Address: Same as above
Country of Residence: U.S.A. Country of Citizenship: Japan

Full name of second inventor: **Alexandros T. Demos**

Inventor's signature: Alexandros T. Demos Date: 7/15/01
Residence: 409 Pine Ridge Drive, San Ramon, CA 94583
Post Office Address: Same as above
Country of Residence: U.S.A. Country of Citizenship: United States

Full name of third inventor:

Seon-Mee Cho

Inventor's signature: *Seon-Mee Cho*Date: 1/18/01

Residence: 121 Saratoga Avenue, Apt. No. 4116, Santa Clara, CA 95051

Post Office Address: Same as above

Country of Residence: U.S.A.

Country of Citizenship: Korea, South

Full name of fourth inventor:

Feng Gao

Inventor's signature: _____

Date: _____

Residence: 110 B Gladys Avenue, Mountain View, CA 94043

Post Office Address: Same as above

Country of Residence: U.S.A.

Country of Citizenship: P.R. China

Full name of fifth inventor:

Kaveh F. Niazi

Inventor's signature: _____

Date: _____

Residence: 440 Oak Grove, #308, Santa Clara, CA 95054

Post Office Address: Same as above

Country of Residence: U.S.A.

Country of Citizenship: United States

Full name of sixth inventor:

Michio Aruga

Inventor's signature: _____

Date: _____

Residence: 1-28-15 Hiyoshi Tomasato, Inba-Gun, Japan

Post Office Address: Same as above

Country of Residence: Japan

Country of Citizenship: Japan

(Declaration ends with this page)

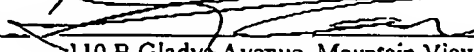
DE 7030523 v1

Full name of third inventor: Seon-Mee Cho

Inventor's signature: _____ Date: _____
Residence: 121 Saratoga Avenue, Apt. No. 4116, Santa Clara, CA 95051
Post Office Address: Same as above

Country of Residence: U.S.A. Country of Citizenship: Korea, South

Full name of fourth inventor: Feng Gao

Inventor's signature:  Date: 01/22/01
Residence: 110 B Gladys Avenue, Mountain View, CA 94043
Post Office Address: Same as above

Country of Residence: U.S.A. Country of Citizenship: P.R. China

Full name of fifth inventor: Kaveh F. Niazi

Inventor's signature: _____ Date: _____
Residence: 440 Oak Grove, #308, Santa Clara, CA 95054
Post Office Address: Same as above

Country of Residence: U.S.A. Country of Citizenship: United States

Full name of sixth inventor: Michio Aruga

Inventor's signature: _____ Date: _____
Residence: 1-28-15 Hiyoshi Tomasato, Inba-Gun, Japan
Post Office Address: Same as above

Country of Residence: Japan Country of Citizenship: Japan

(Declaration ends with this page)

DE 7030523 v1

Full name of third inventor: Seon-Mee Cho

Inventor's signature: _____ Date: _____

Residence: 121 Saratoga Avenue, Apt. No. 4116, Santa Clara, CA 95051

Post Office Address: Same as above

Country of Residence: U.S.A.

Country of Citizenship: Korea, South

Full name of fourth inventor: Feng Gao

Inventor's signature: _____ Date: _____

Residence: 110 B Gladys Avenue, Mountain View, CA 94043

Post Office Address: Same as above

Country of Residence: U.S.A.

Country of Citizenship: P.R. China

Full name of fifth inventor: Kaveh F. Niazi

Inventor's signature: Kaveh Niazi Date: Jan 18, 2001

Residence: 440 Oak Grove, #308, Santa Clara, CA 95054

Post Office Address: Same as above

Country of Residence: U.S.A.

Country of Citizenship: United States

Full name of sixth inventor: Michio Aruga

Inventor's signature: _____ Date: _____

Residence: 1-28-15 Hiyoshi Tomasato, Inba-Gun, Japan

Post Office Address: Same as above

Country of Residence: Japan

Country of Citizenship: Japan

(Declaration ends with this page)

DE 7030523 v1

Full name of third inventor: Scon-Mee Cho

Inventor's signature: _____ Date: _____
Residence: 121 Saratoga Avenue, Apt. No. 4116, Santa Clara, CA 95051
Post Office Address: Same as above

Country of Residence: U.S.A.

Country of Citizenship: Korea, South

Full name of fourth inventor: Feng Gao

Inventor's signature: _____ Date: _____
Residence: 110 B Gladys Avenue, Mountain View, CA 94043
Post Office Address: Same as above

Country of Residence: U.S.A.

Country of Citizenship: P.R. China

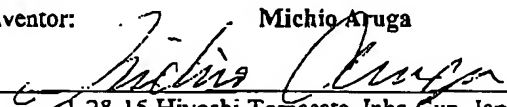
Full name of fifth inventor: Kaveh F. Niazi

Inventor's signature: _____ Date: _____
Residence: 440 Oak Grove, #308, Santa Clara, CA 95054
Post Office Address: Same as above

Country of Residence: U.S.A.

Country of Citizenship: United States

Full name of sixth inventor: Michio Aruga

Inventor's signature:  Date: Jan. 24 2001
Residence: 1-28-15 Hiyoshi Tomasato, Inba-Gun, Japan
Post Office Address: Same as above

Country of Residence: Japan

Country of Citizenship: Japan

(Declaration ends with this page)

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4356 4536 DO/HDP/CD
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APRIL 24, 2001

PTAS

APPLIED MATERIALS, INC.
ROBERT W. MULCAHY
PATENT COUNSEL-LEGAL AFFAIRS DEPARTMENT
P.O. BOX 450A, M/S 2061
SANTA, CLARA, CA 95052



101611406A

REC'D MAY 02 2001

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

MAY 03 2001

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/26/2001

REEL/FRAME: 011500/0667
NUMBER OF PAGES: 13

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ISHIKAWA, TETSUYA

DOC DATE: 01/15/2001

ASSIGNOR:

DEMOS, ALEXANDROS T.

DOC DATE: 01/15/2001

ASSIGNOR:

CHO, SEON-MEE

DOC DATE: 01/18/2001

ASSIGNOR:

GAO, FENG

DOC DATE: 01/22/2001

ASSIGNOR:

NIAZI, KAVEH F.

DOC DATE: 01/18/2001

ASSIGNOR:

ARUGA, MICHIO

DOC DATE: 01/24/2001

011500/0667 PAGE 2

ASSIGNEE:

APPLIED MATERIALS, INC.

P.O. BOX 450A

LEGAL AFFAIRS DEPARTMENT

SANTA CLARA, CALIFORNIA 95052

SERIAL NUMBER: 09771203

PATENT NUMBER:

FILING DATE: 01/26/2001

ISSUE DATE:

DOROTHY BASMA, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

1-26-01

02-12-2001

Attorney Docket No. A4356/T35300

FORM PTO-1595

(Rev. 6-93)

101611406

U.S. Department of Commerce
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please return original documents or copy thereof

1. Name of conveying party(ies):

Tetsuya Ishikawa; Alexandros T. Dimos; Seon-Mee Cho; Feng Gao; Kaveh F. Niazi; Michio Aruga

Additional name(s) of conveying parties attached? O Yes X No.

2. Name and address of receiving party(ies)

Name: Applied Materials, Inc.

Internal Address: Legal Affairs Department

Street Address: P.O. Box 450A

City: Santa Clara State: CA ZIP: 95052

Additional names and addresses attached? O Yes X No

3. Nature of conveyance:

X Assignment ☐ Merger

☐ Security Agreement ☐ Change of Name

Other: 1-15-2001 / 1-15-2001 / 1-18-2001

Execution Date: 1-22-2001 / 1-18-2001 / 1-24-2001

4. Application Number(s) or Patent Numbers.

09/17/203

If this document is being filed together with a new application, the execution date of the application is herewith on 1-26-2001

A. Patent Application No(s):

B. Patent No(s):

Additional numbers attached? ☐ Yes X No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name:

Patent Counsel
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O. Box 450A, M/S 2061
Santa Clara, California 95052

6. Total number of applications and patents involved: One

7. Total fee (37 CFR 3.41): \$40.00

☐ Enclosed X Charge Fees to Deposit Account

X Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.

8. Deposit account number: 50-1074

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Robert W. Mulcahy

Name of Person Signing

Signature

Date

Atty Reg. No. 25,436

Total number of pages including cover sheet, attachments and document: 13

10. Change Correspondence Address to that of Part 5? X Yes ☐ No

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover to:

Asst. Commissioner for Patents
Box: Assignments
Washington, D.C. 20231

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02/09/2001 6TOM11 00000178 501074 09771203

01 FC:581

40.00 CH

Attorney Docket No. 4356 /T35300

ASSIGNMENT FOR APPLICATION FOR PATENT**WHEREAS:**Names and Addresses
of Inventors:

1)	Tetsuya Ishikawa 873 Blossom Drive Santa Clara, CA 95050	2)	Alexandros T. Demos 409 Pine Ridge Drive San Ramon, CA 94583
3)	Seon-Mee Cho 121 Saratoga Avenue, Apt. No. 4116 Santa Clara, CA 95051	4)	Feng Gao 110 B Gladys Avenue Mountain View, CA 94043
5)	Kaveh F. Niazi 440 Oak Grove, #308 Santa Clara, CA 95054	6)	Michio Aruga 1-28-15 Hiyoshi Tomasato Inba-Gun, Japan

(hereinafter referred to as Assignors), have invented a certain invention entitled:

"METHOD OF REDUCING PLASMA CHARGE DAMAGE FOR PLASMA PROCESSES"

for which application for Letters Patent in the United States is filed herewith, executed on even date herewith; and

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petition, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said

Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

- 1) 15th January, 2001 Tetsuya Ishikawa
Tetsuya Ishikawa
- 2) _____, 2001 _____
Alexandros T. Demos
- 3) _____, 2001 _____
Seon-Mee Cho
- 4) _____, 2001 _____
Feng Gao
- 5) _____, 2001 _____
Kaveh F. Niazi
- 6) _____, 2001 _____
Michio Aruga

DE 7030531 v1

Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

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4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

- 1) _____, 2001 _____
Tetsuya Ishikawa
- 2) Jan. 15, 2001 Alexandros T. Demos
Alexandros T. Demos
- 3) _____, 2001 _____
Seon-Mee Cho
- 4) _____, 2001 _____
Feng Gao
- 5) _____, 2001 _____
Kaveh F. Niazi
- 6) _____, 2001 _____
Michio Aruga

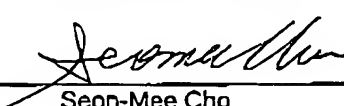
DE 7030531 v1

Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

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4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

- 1) _____, 2001 _____
Tetsuya Ishikawa
- 2) _____, 2001 _____
Alexandros T. Demos
- 3) Jan. 18, 2001 _____

Seon-Mee Cho
- 4) _____, 2001 _____
Feng Gao
- 5) _____, 2001 _____
Kaveh F. Niazi
- 6) _____, 2001 _____
Michio Aruga

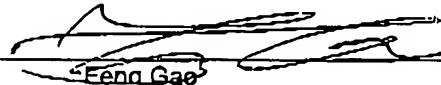
DE 7030531 v1

Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

- 1) _____, 2001 _____
Tetsuya Ishikawa
- 2) _____, 2001 _____
Alexandros T. Demos
- 3) _____, 2001 _____
Seon-Mee Cho
- 4) Jan. 22, 2001 
Feng Gao
- 5) _____, 2001 _____
Kaveh F. Niazi
- 6) _____, 2001 _____
Michio Aruga

DE 7030531 v1

Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

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- 1) _____, 2001 _____
Tetsuya Ishikawa
- 2) _____, 2001 _____
Alexandros T. Demos
- 3) _____, 2001 _____
Seon-Mee Cho
- 4) _____, 2001 _____
Feng Gao
- 5) Jan 18th, 2001 _____
Kaveh F. Niazi
- 6) _____, 2001 _____
Michio Aruga

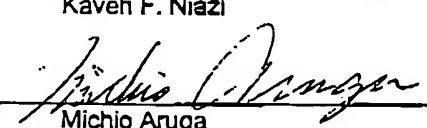
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Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

- 1) _____, 2001 _____
Tetsuya Ishikawa
- 2) _____, 2001 _____
Alexandros T. Demos
- 3) _____, 2001 _____
Seon-Mee Cho
- 4) _____, 2001 _____
Feng Gao
- 5) _____, 2001 _____
Kaveh F. Niazi
- 6) Jan. 24, 2001 
Michio Aruga

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